

American National Standard

for Information Technology –

AT Attachment with Packet Interface Extension (ATA/ATAPI-4)

Corrected: August 15, 1999

Secretariat: Information Technology Industry Council

Page 1 of 2 pages

Page 95 of NCITS 317-1998 ATA/ATAPI-4 Table 13 in the Word file is correct. But when converted to a pdf file the table width changes slightly which in this case resulted in extra word wraps. The extra word wraps caused data in the different columns to align incorrectly. The wrong alignment for standards distributed using the pdf rather than the Word file resulted in bits 0 through 4 of IDENTIFY PACKET DEVICE information Word 0 to be represented incorrectly.

In this erratum, Page 45 is reprinted with the correct alignment.

ANSI NCITS 317-1998

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Table 13 – IDENTIFY PACKET DEVICE information

Word	F/V	
0	F	General configuration bit-significant information: 15-14 10=ATAPI device 11=reserved
	R	13 reserved
	F	12-8 Field indicates command packet set used by device
	F	7 1=removable media device
	F	6-5 00=Device shall set DRQ to one within 3 ms of receiving PACKET command. 01=Device shall assert INTRQ when DRQ is set to one after receiving PACKET. 10=Device shall set DRQ to one within 50 μ s of receiving PACKET command. 11=reserved
	R	4-2 reserved
	F	1-0 00=12 byte command packet 01=16 byte command packet 1x=reserved
1-9	R	Reserved
10-19	F	Serial number (20 ASCII characters)
20-22	R	Reserved
23-26	F	Firmware revision (8 ASCII characters)
27-46	F	Model number (40 ASCII characters)
47-48	R	Reserved
49		Capabilities
	F	15 1=interleaved DMA supported
	F	14 1=command queuing supported
	F	13 1=overlap operation supported
	F	12 1=ATA software reset required (obsolete)
	F	11 1=IORDY supported
	F	10 1=IORDY may be disabled
	F	9 1=LBA supported
	F	8 1=DMA supported
	X	7-0 Vendor specific
50	R	Reserved
51	F	15-8 PIO data transfer mode number
	X	7-0 Vendor specific
52	R	Reserved
53	R	15-3 Reserved
	F	2 1=the fields reported in word 88 are valid 0=the fields reported in word 88 are not valid
	F	1 1=the fields reported in words 64-70 are valid 0=the fields reported in words 64-70 are not valid
	V	0 1=the fields reported in words 54-58 are valid 0=the fields reported in words 54-58 may be valid
54-62	R	Reserved

(continued)